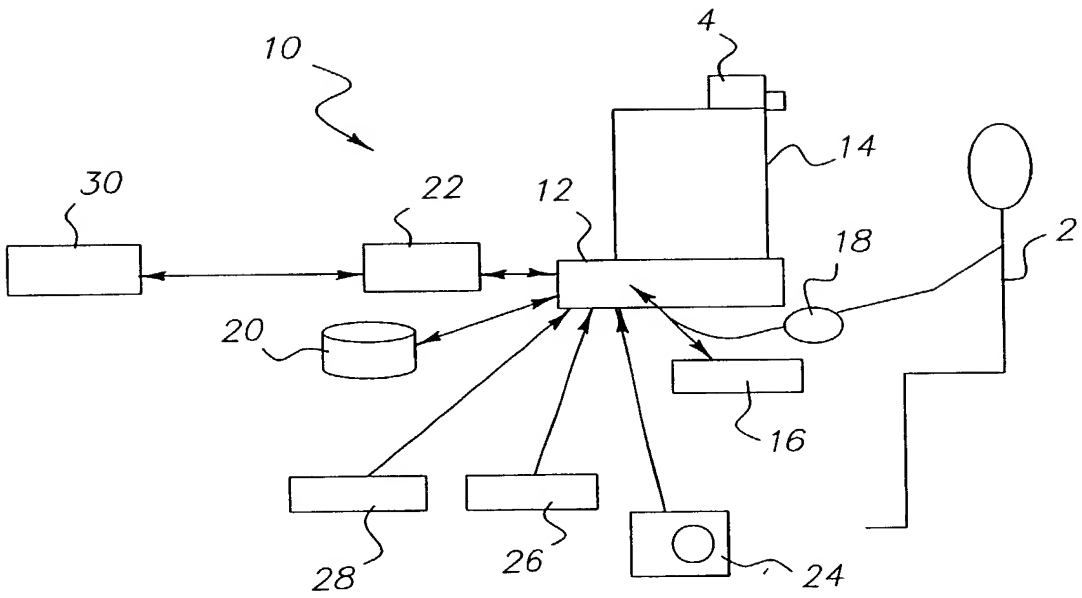

FIG. 1

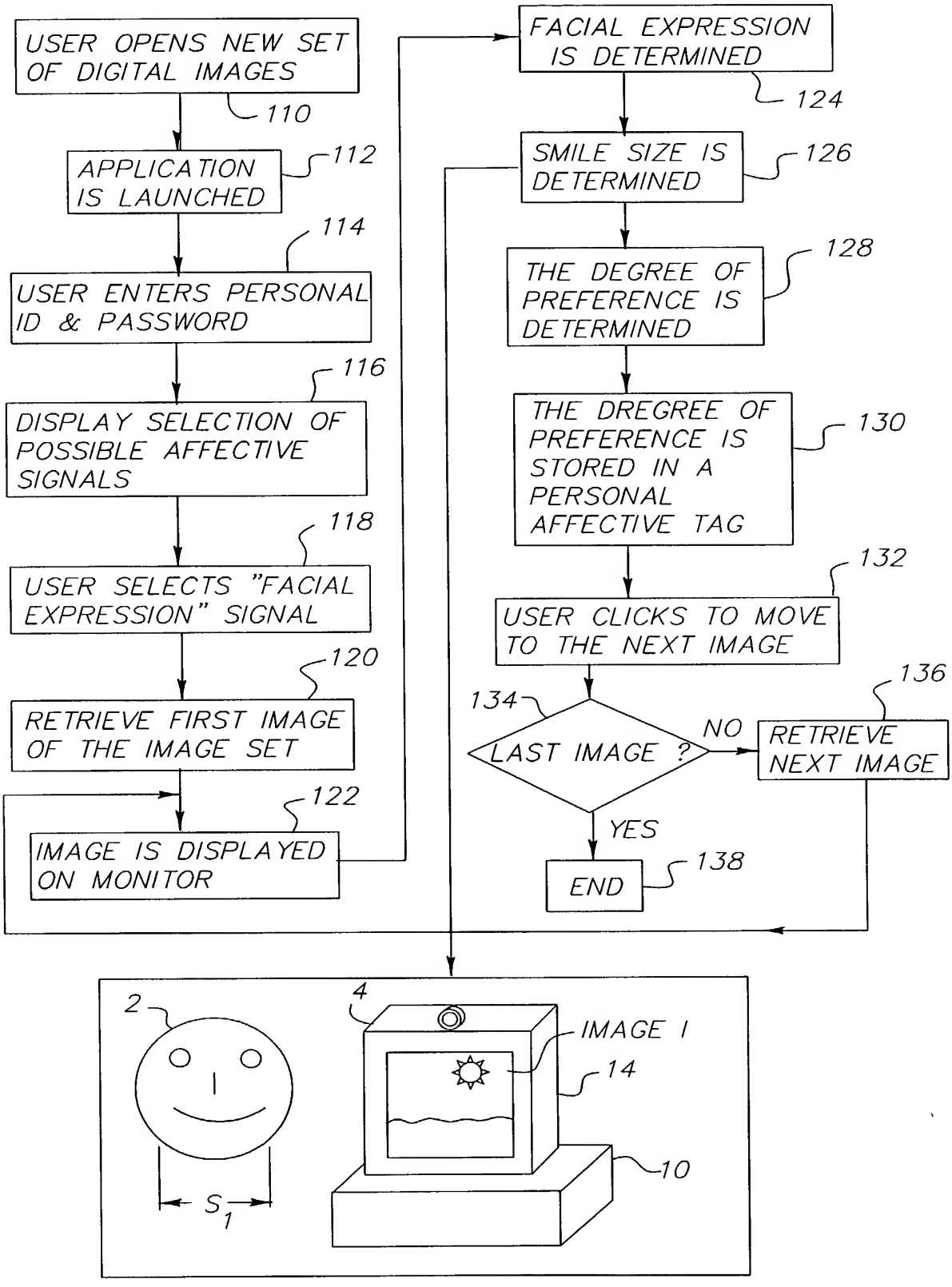
USER OPENS NEW SET OF DIGITAL IMAGES
110
APPLICATION IS LAUNCHED
112
USER ENTERS PERSONAL ID & PASSWORD
114
DISPLAY SELECTION OF POSSIBLE AFFECTIVE SIGNALS
116
USER SELECTS "FACIAL EXPRESSION" SIGNAL
118
RETRIEVE FIRST IMAGE OF THE IMAGE SET
120
IMAGE IS DISPLAYED ON MONITOR
122
FACIAL EXPRESSION IS DETERMINED
124
SMILE SIZE IS DETERMINED
126
THE DEGREE OF PREFERENCE IS DETERMINED
128
THE DREGREE OF PREFERENCE IS STORED IN A PERSONAL AFFECTIVE TAG
130
USER CLICKS TO MOVE TO THE NEXT IMAGE
132
LAST IMAGE ?
134
NO
RETRIEVE NEXT IMAGE
136
YES
END
138
2
4
IMAGE I
14
10
S1

FIG. 2

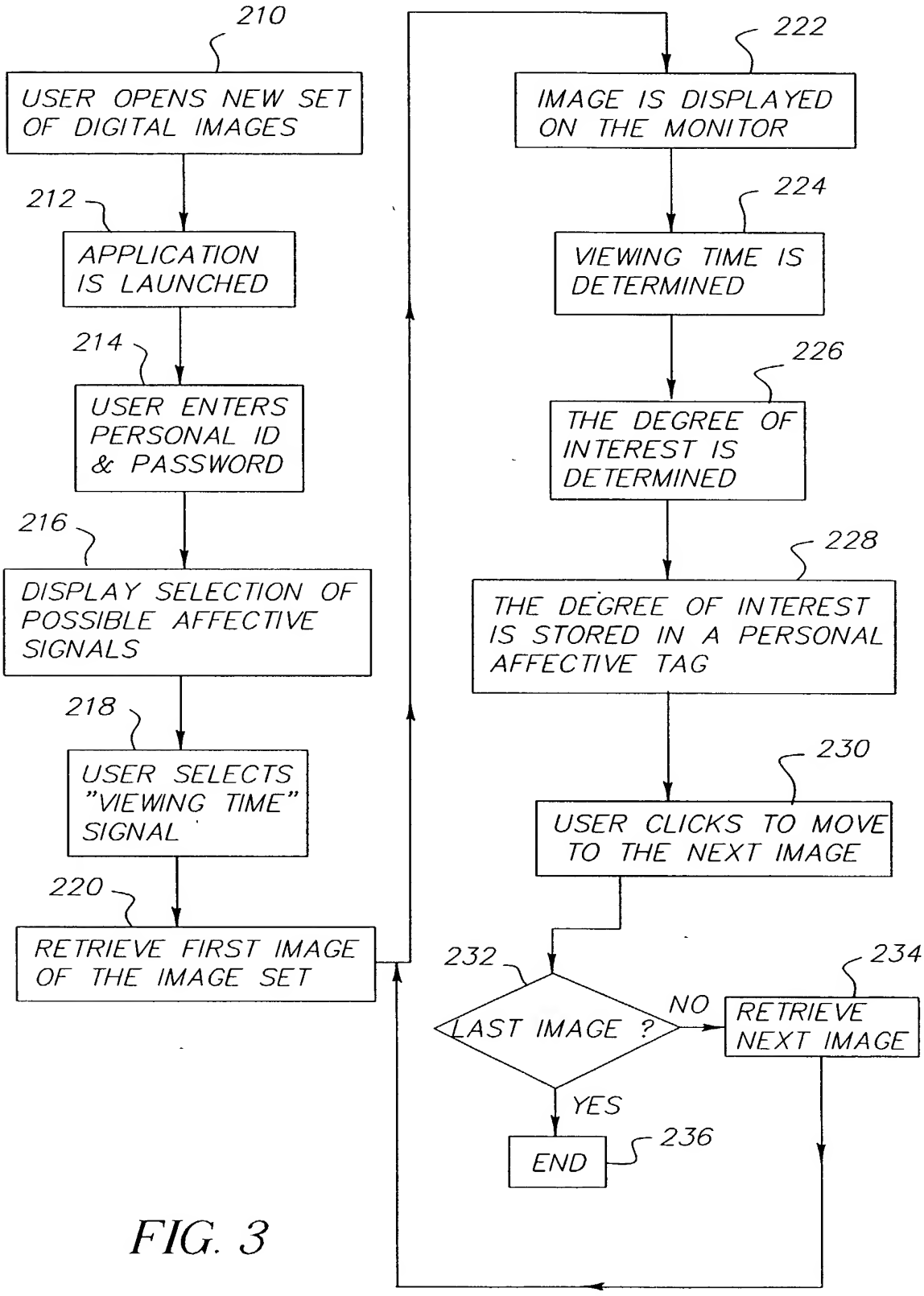
210
USER OPENS NEW SET OF DIGITAL IMAGES
212
APPLICATION IS LAUNCHED
214
USER ENTERS PERSONAL ID & PASSWORD
216
DISPLAY SELECTION OF POSSIBLE AFFECTIVE SIGNALS
218
USER SELECTS "VIEWING TIME" SIGNAL
220
RETRIEVE FIRST IMAGE OF THE IMAGE SET
222
IMAGE IS DISPLAYED ON THE MONITOR
224
VIEWING TIME IS DETERMINED
226
THE DEGREE OF INTEREST IS DETERMINED
228
THE DEGREE OF INTEREST IS STORED IN A PERSONAL AFFECTIVE TAG
230
USER CLICKS TO MOVE TO THE NEXT IMAGE
232
LAST IMAGE ?
NO
234
RETRIEVE NEXT IMAGE
YES
236
END

FIG. 3

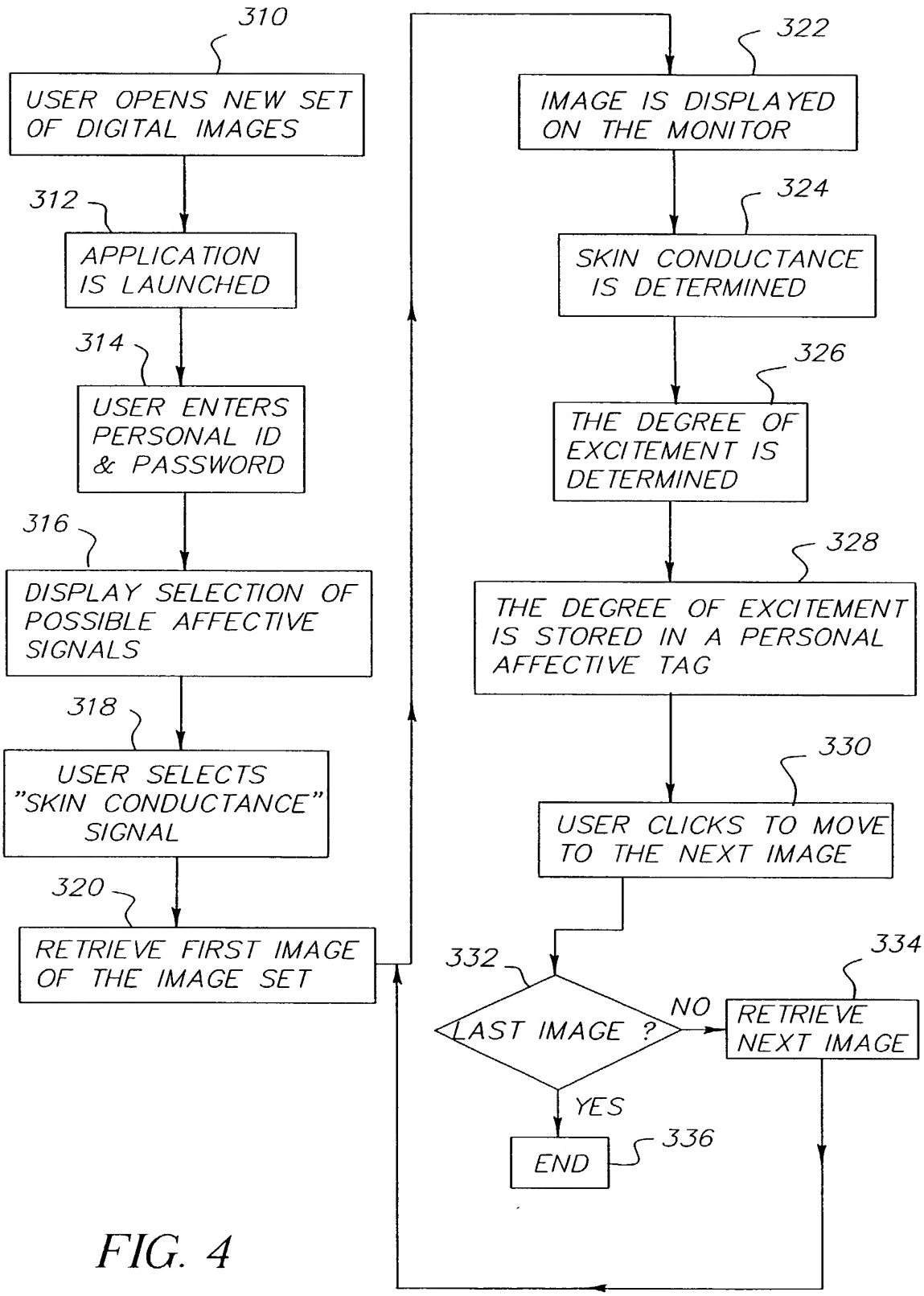
310
USER OPENS NEW SET OF DIGITAL IMAGES
312
APPLICATION IS LAUNCHED
314
USER ENTERS PERSONAL ID & PASSWORD
316
DISPLAY SELECTION OF POSSIBLE AFFECTIVE SIGNALS
318
USER SELECTS "SKIN CONDUCTANCE" SIGNAL
320
RETRIEVE FIRST IMAGE OF THE IMAGE SET
322
IMAGE IS DISPLAYED ON THE MONITOR
324
SKIN CONDUCTANCE IS DETERMINED
326
THE DEGREE OF EXCITEMENT IS DETERMINED
328
THE DEGREE OF EXCITEMENT IS STORED IN A PERSONAL AFFECTIVE TAG
330
USER CLICKS TO MOVE TO THE NEXT IMAGE
332
LAST IMAGE ?
NO
334
RETRIEVE NEXT IMAGE
YES
336
END

FIG. 4

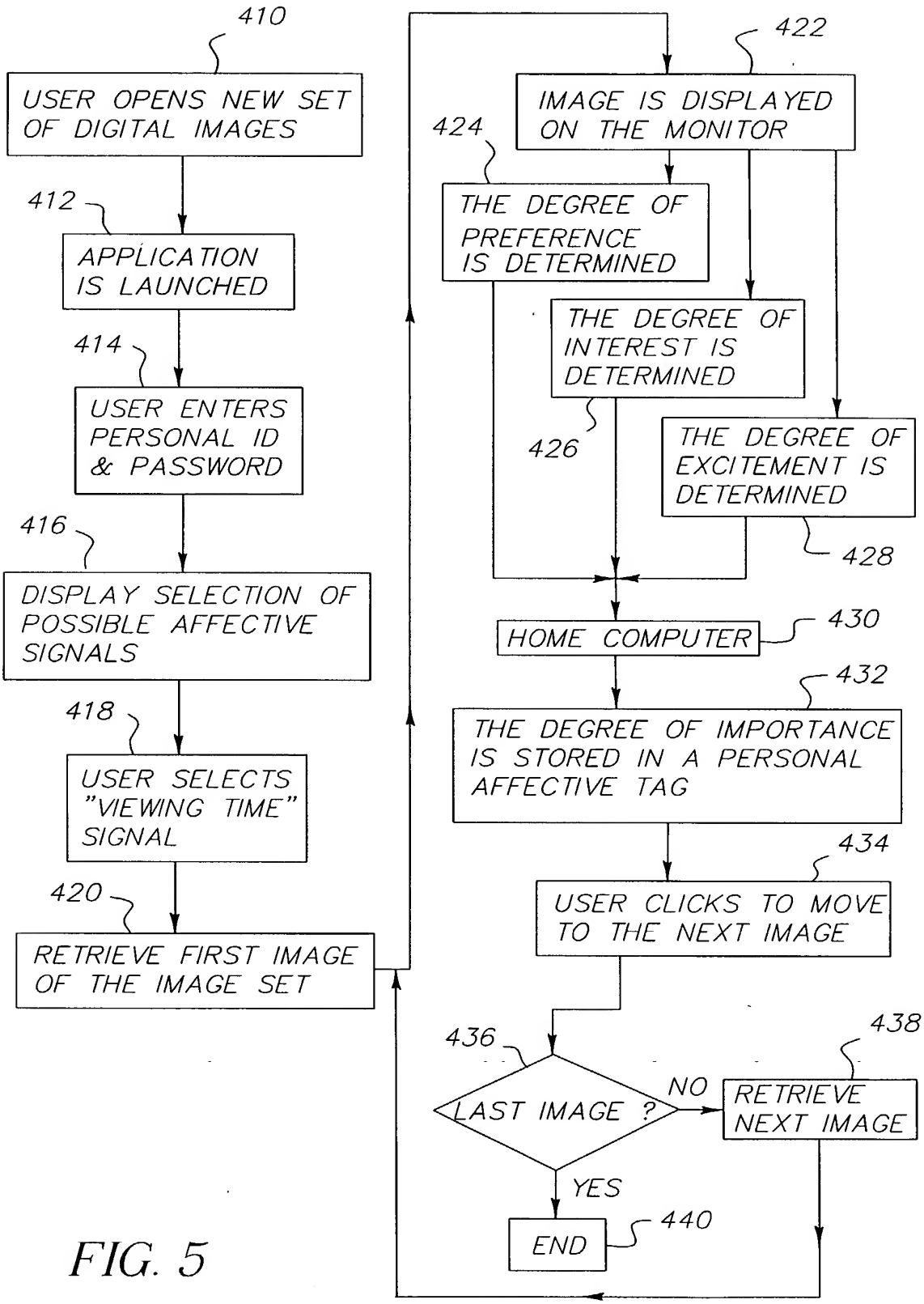
410
USER OPENS NEW SET OF DIGITAL IMAGES
412
APPLICATION IS LAUNCHED
414
USER ENTERS PERSONAL ID & PASSWORD
416
DISPLAY SELECTION OF POSSIBLE AFFECTIVE SIGNALS
418
USER SELECTS "VIEWING TIME" SIGNAL
420
RETRIEVE FIRST IMAGE OF THE IMAGE SET
422
IMAGE IS DISPLAYED ON THE MONITOR
424
THE DEGREE OF PREFERENCE IS DETERMINED
THE DEGREE OF INTEREST IS DETERMINED
426
THE DEGREE OF EXCITEMENT IS DETERMINED
428
HOME COMPUTER
430
432
THE DEGREE OF IMPORTANCE IS STORED IN A PERSONAL AFFECTIVE TAG
434
USER CLICKS TO MOVE TO THE NEXT IMAGE
436
LAST IMAGE ?
NO
438
RETRIEVE NEXT IMAGE
YES
END
440

FIG. 5

Personal Affective Tag
Personal Identification = User 1
Viewing time = 00:00:15

FIG. 6A

Personal Affective Tag #1
Personal Identification = User 1
Facial Expression = Smile
Smile Size = 1.5
Preference = 1.5
Emotional category = Strongly happy
Viewing time = 00:00:15
Interest = 15
Skin Conductance Response= 5μmho
Excitement = 5
Importance = 21.5
Date = 9/1/2000; 21:19:03
Personal Affective Tag #2
Personal Identification = User 2
Facial Expression = No smile
Smile Size = 0
Preference = 0
Emotional category = Neutral
Viewing time = 00:00:02
Interest = 2
Skin Conductance Response= 1μmho
Excitement = 1
Importance = 3
Date = 9/1/2000; 21:19:03
Personal Affective Tag #3
Personal Identification = User 1
Facial Expression = Smile
Smile Size = 1.1
Preference = 1.1
Emotional category = Somewhat happy
Viewing time = 00:00:10
Interest = 10
Skin Conductance Response = 3μmho
Excitement = 3
Importance = 14.1
Date = 10/1/2000; 18:32:44

FIG. 6B